

Summary

The present invention relates to active substance-doped water-absorbing polymer particles,
5 comprising:

Φ1. as active substance a care substance or a wound-treating substance in a quantity in
the range from 0.001 to 30 wt. %, based on the active substance-doped water-
absorbing polymer particles,

10 Φ2. an absorber matrix in a quantity in the range from 70 to 99.999 wt. %, based on
the active substance-doped water-absorbing polymer particles,

wherein the absorber matrix comprises, to at least 90 wt. %, based on the absorber matrix, a
cross-linked polyacrylic acid,

wherein the cross-linked polyacrylic acid comprises, to at least 90 wt. %, based on the
15 crosslinked polyacrylic acid, an acrylic acid which is partially neutralized to at least
30 mol. %. The invention further relates to a water-absorbing composition, a process for
producing a water-absorbing composition, a water-absorbing composition obtainable by this
process, a composite comprising this water-absorbing composition, the use of this water-
absorbing composition or of a water-absorbing polymer comprised in the water-absorbing
20 composition for release of a wound treatment substance, the use of this water-absorbing
composition or of a water-absorbing polymer comprised in the water-absorbing composition
for producing a means for treatment of wounds, a process for treatment of wounds with this
water-absorbing composition or with a water-absorbing polymer comprised in the water-
absorbing composition as well as the use of this water-absorbing composition or of a water-
25 absorbing polymer comprised in the water-absorbing composition in a hygiene article or
wound treatment means.